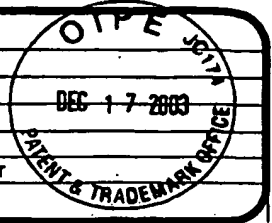


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|--------------------------|-------------------|--|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 17, 2003 (use as many sheets as necessary) | | | Complete If Known | | |
| | | | Application Number | 09/868,987 | |
| | | | Filing Date | 10/01/2001 | |
| | | | First Named Inventor | Andrew D. Murdin | |
| | | | Group Art Unit | 1645 | |
| | | | Examiner Name | Padmavathi Baskar | |
| | | | Attorney Docket Number | 032931-0253 | |
| Sheet | 1 | of | 1 | | |



| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| PB | B1 | 6,559,294 | B1 | GRIFFAIS et al. | 05-06-2003 | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | | | | | | | | |
| | | | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
| | | | |
| | | | |

| | | | |
|--------------------|---------------------|-----------------|------------|
| Examiner Signature | /Padmavathi Baskar/ | Date Considered | 11/01/2006 |
|--------------------|---------------------|-----------------|------------|

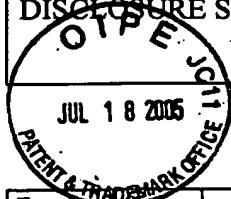
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

| | | | | |
|---|---------------------------------|--|--------------------------|---------------------------|
| Form PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | Atty. Docket No. 032931-0253 | | Serial No. 09/868,987 | |
| | Applicant Murdin et al. | | Group 1645 | Filing Date 10-01-2001 |
| | Date July 15, 2005 | | Page 1/1 | |



U.S. PATENT DOCUMENTS

| Exam Initials | Cite No. | US Patent DOCUMENT Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Location of Relevant Passages |
|------------------|-------------|------------------------------|--|--|----------------------------------|
| PB | A1 | 6,822,071 | Stephens et al. | 11-23-2004 | |

FOREIGN PATENT DOCUMENTS

| Exam Initials | Cite No. | Foreign Patent DOCUMENT Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Location of Relevant Passages |
|------------------|-------------|-----------------------------------|--|--|----------------------------------|
| PB | A2 | WO00/27994 | University of California (Stephens et al.) | 5018/2000 | |

NON-PATENT LITERATURE DOCUMENTS

| | | |
|-----------------|---------------------|------------|
| | | |
| Examiner | /Padmavathi Baskar/ | 11/01/2006 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

Number 09/411,2006

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

August 11, 2006

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 09/868,987 |
| Filing Date | October 1, 2001 |
| First Named Inventor | Andrew D. MURDIN |
| Group Art Unit | 1645 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 032931-0253 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|----------------------|---|--|--|--|
| | | Number | Kind Code ² (if known) | | | |
| PB | | 2002/0082402 | A1 | MURDIN et al. | 06/27/2002 | |
| PB | | 2002/0094340 | A1 | MURDIN et al. | 07/18/2002 | |
| PB | | 2002/0094965 | A1 | MURDIN et al. | 07/18/2002 | |
| PB | | 2002/0099188 | A1 | MURDIN et al. | 07/25/2002 | |
| PB | | 2002/0132994 | A1 | MURDIN et al. | 09/19/2002 | |
| PB | | 2003/0100706 | A1 | MURDIN et al. | 05/29/2003 | |
| PB | | 2004/0254130 | A1 | MURDIN et al. | 12/16/2004 | |
| PB | | 6,521,745 | B1 | MURDIN et al. | 02/18/2003 | |
| PB | | 6,808,713 | B1 | MURDIN et al. | 10/26/2004 | |
| PB | | 7,070,792 | B2 | MURDIN et al. | 07/04/2006 | |
| PB | | 6,693,087 | B1 | MURDIN et al. | 02/17/2004 | |
| PB | | 7,081,245 | B2 | MURDIN et al. | 07/25/2006 | |
| PB | | 7,019,125 | B2 | MURDIN et al. | 03/28/2006 | |

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Application Document | | Name of Patentee or Applicant of Cited Document | Filing Date of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|-------------------------------------|---|--|--|--|
| | | Serial Number | Kind Code ² (if known) | | | |
| PB | | 09/857128 | | MURDIN et al. | 09/20/2001 | |
| PB | | 09/471194 | | MURDIN et al. | 12/23/1999 | |
| PB | | 09/523647 | | MURDIN et al. | 03/10/2000 | |
| PB | | 09/522606 | | MURDIN et al. | 03/10/2000 | |
| PB | | 09/609243 | | MURDIN et al. | 06/30/2000 | |
| PB | | 09/662813 | | MURDIN et al. | 09/15/2000 | |
| PB | | 09/663362 | | MURDIN et al. | 09/15/2000 | |
| PB | | 09/663360 | | MURDIN et al. | 09/15/2000 | |
| PB | | 09/663361 | | MURDIN et al. | 09/15/2000 | |
| PB | | 09/662814 | | MURDIN et al. | 09/15/2000 | |
| PB | | 09/662812 | | MURDIN et al. | 09/15/2000 | |
| PB | | 09/709473 | | MURDIN et al. | 11/13/2000 | |
| PB | | 09/709474 | | MURDIN et al. | 11/13/2000 | |
| PB | | 09/709384 | | MURDIN et al. | 11/13/2000 | |
| PB | | 09/747349 | | MURDIN et al. | 12/22/2000 | |

Examiner
Signature

/Padmavathi Baskar/

Date
Considered

11/01/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|--------------------------|------------------------|-------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT August 11, 2006 <i>(use as many sheets as necessary)</i> | | | Complete if Known | | |
| | | | Application Number | 09/868,987 | |
| | | | Filing Date | October 1, 2001 | |
| | | | First Named Inventor | Andrew D. MURDIN | |
| | | | Group Art Unit | 1645 | |
| | | | Examiner Name | Unassigned | |
| Sheet | 2 | of | 2 | Attorney Docket Number | 032931-0253 |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|--|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| PB | | | WO 99/28475 | | GRIFFAIS | 06/10/1999 | | |
| PB | | | WO 01/85972 | A2 | MURDIN et al. | 11/15/2001 | | |
| PB | | | WO 01/21811 | A1 | BRUNHAM | 03/29/2001 | | |
| PB | | | WO 00/34483 | | PROBST et al. | 06/15/2000 | | |
| PB | | | WO 00/66739 | | MURDIN et al. | 11/09/2000 | | |
| PB | | | WO 01/21804 | A1 | MURDIN et al. | 03/29/2001 | | |
| PB | | | WO 01/46224 | A2 | MURDIN et al. | 06/28/2001 | | |
| PB | | | WO 02/02606 | A2 | RATTI et al. | 01/10/2002 | | |
| PB | | | WO 02/08267 | A2 | FLING et al. | 01/31/2002 | | |
| PB | | | WO 01/81379 | A2 | BHATIA et al. | 11/01/2001 | | |
| PB | | | WO 00/37494 | | RATTI | 06/29/2000 | | |
| PB | | | WO 00/46359 | | BURNIE et al. | 08/10/2000 | | |
| PB | | | WO 01/40474 | A2 | PROBST et al. | 06/07/2001 | | |
| PB | | | WO 00/24765 | | MURDIN et al. | 05/04/2000 | | |
| | | | | | | | | |

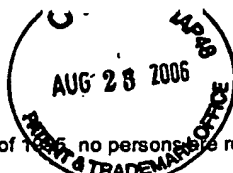
| | | | |
|--------------------|---------------------|-----------------|------------|
| Examiner Signature | /Padmavathi Baskar/ | Date Considered | 11/01/2006 |
|--------------------|---------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | |
|---|--|--|--------------------------|-------------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 23, 2006 (use as many sheets as necessary) | | | Complete if Known | |
| | | | Application Number | 09/868,987 |
| Sheet 1 of 2 | | | Filing Date | 10/1/2001 |
| | | | First Named Inventor | Andrew D. Murdin |
| | | | Group Art Unit | 1645 |
| | | | Examiner Name | Padmavathi Baskar |
| | | | Attorney Docket Number | 032931-0253 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|--|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | | | | | | | | |
| | | | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|-----------------------|---|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | T ⁶ |
| PB | A1 | Howard RF, Jacobson KC, Rickel E, Thurman. Analysis of inhibitory epitopes in the Plasmodium falciparum rhopty protein RAP-1 including identification of a second inhibitory epitope. J. Infect Immun. 1998 Jan; 66(1):380-6. [Abstract] | | | |
| PB | A2 | AbD Serotec Excerpt from technical brochure from www.ab-direct.com. | | | |
| PB | A3 | Ayyildiz. Technical Approach to Generate Polyclonal Antibodies Against Bacterially Expressed GST-PYK-C. Tr. J. Medical Sciences. 29 (1999) 355-360. [Abstract] | | | |
| PB | A4 | Cassill JA, Whitney M, Joazeiro CA, Becker A, Zuker CS. Isolation of Drosophila genes encoding G protein-coupled receptor kinases. Proc Natl Acad Sci U S A. 1991 Dec 15;88(24):11067-70. [Pages 11067 & 11068] | | | |
| PB | A5 | Lutzelschwab R, Klambt C, Rossa R, Schmidt O. A protein product of the Drosophila recessive tumor gene, l (2) giant gl, potentially has cell adhesion properties. EMBO J. 1987 Jun;6(6):1791-1797. [Pages 1791 & 1792] | | | |
| PB | A6 | Schoneck R, Plumas-Marty B, Taibi A, Billaut-Mulot O, Loyens M, Gras-Masse H, Capron A, Ouaisi A. Trypanosoma cruzi cDNA encodes a tandemly repeated domain structure characteristic of small stress proteins and glutathione S-transferases. Biol Cell. 1994;80(1):1-10. [Pages 1 & 2] | | | |
| PB | A7 | Philippe B, Brion JP, Coppens E, Octave JN. Generation of a monoclonal antibody to the carboxy-terminal domain of tau by immunization with the amino-terminal domain of the amyloid precursor protein. J Neurosci Res. 1996 Dec 15;46(6):709-19. [Abstract] | | | |

| | | | |
|--------------------|---------------------|-----------------|------------|
| Examiner Signature | /Padmavathi Baskar/ | Date Considered | 11/01/2006 |
|--------------------|---------------------|-----------------|------------|

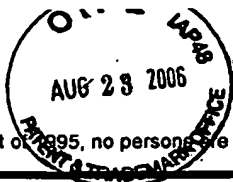
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

WASH_1674411.1



Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

MODIFIED PTO/SB/08 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| | | | |
|---|---|--------------------------|-------------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 23, 2006 (use as many sheets as necessary) | | Complete if Known | |
| | | Application Number | 09/868,987 |
| | | Filing Date | 10/1/2001 |
| | | First Named Inventor | Andrew D. Murdin |
| | | Group Art Unit | 1645 |
| | | Examiner Name | Padmavathi Baskar |
| | | Attorney Docket Number | 032931-0253 |
| Sheet | 2 | of | 2 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
| PB | A8 | Yu H, Nakano Y, Yamashita Y, Oho T and Koga T. Effects of antibodies against cell surface protein antigen PAC- glucosyltransferase fusion proteins on glucan synthesis and cell adhesion of Streptococcus mutans. Infect. Immun., 06 1997, 2292-2298, Vol 65, No. 6 [Abstract] | |
| PB | A9 | Zhou FC, Xu Y, Bledsoe S, Lin R, Kelley MR. Serotonin transporter antibodies: production, characterization, and localization in the brain. Brain Res Mol Brain Res. 1996 Dec 31;43(1-2):267-78. [Abstract] | |

| | | | |
|--------------------|---------------------|-----------------|------------|
| Examiner Signature | /Padmavathi Baskar/ | Date Considered | 11/01/2006 |
|--------------------|---------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.